QC ABSTRACT

NAME OF WORK: Construction of Anganvadi Building at JP Colony in Ward No. 02

SL NO	Item Of Work	Name of Test	Frequency of Test/Quantity	Executed Quantity	Number of Tests Required	Number of Tests Conducted
		Materials				
1	Cement	Fineness by dry sieving	One Test		1	1
		Finess by Air permeablity method	One Test		1	1
		Density	One Test		1	1
		Standard Consistency	One Test		1	1
		Initial Setting time	One Test		1	1
		Final Setting time	One Test		1	1
		Soundness (Le Chatelier's Method)	One Test		1	1
		Compressive Strength	One Test		1	1
2	Coarse aggregate(40 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
3	Coarse aggregate(20 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
		Aggregate crushing Value	One Test		1	1
		Aggregate Impact Value	One Test		1	1
4	Fine aggregate	SIEVE ANALYSIS	One Test		1	1
		Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
5	Steel	Bend test	One Test		1	1
		Tensile Test	One Test		1	1
		Yield Test	One Test		1	1
		ReBend test	One Test		1	1
6	Block(400*200*200)	BLOCK DENSITY	One Test		1	1
		WATER ABSORPTION	One Test		1	1
		DIMENSION ANALYSIS	One Test		1	1
		COMPRESSIVE STRENGTH	One Test		1	1
7	Block(400*150*200)	BLOCK DENSITY	One Test		1	1
		WATER ABSORPTION	One Test		1	1
		DIMENSION ANALYSIS	One Test		1	1
		COMPRESSIVE STRENGTH	One Test		1	1
8	Block(400*100*200)	BLOCK DENSITY	One Test		1	1
		WATER ABSORPTION	One Test		1	1
		DIMENSION ANALYSIS	One Test		1	1
		COMPRESSIVE STRENGTH	One Test		1	1

A.E.E.

9	PCC(M10)	Compressive Strength(7days and 28days)	2 sets /1-5 cum	5.44	4	4
10	PCC(M15)	Compressive Strength(7days and 28days)	2 sets /1-5 cum	1.76	4	4
11	RCC(M15)	Compressive Strength(7days and 28days)	1 Set	32.49	2	2
12	RCC(M25)	Compressive Strength(7days and 28days)	4 sets /31-50 cum	33.48	8	8
13	RCC(M25)	Compressive Strength(7days and 28days)	2 sets /1-5 cum	1.84	4	4
14	RCC(M25)	Compressive Strength(7days and 28days)	2 sets /1-5 cum	1.14	4	4
15	RCC(M25)	Compressive Strength(7days and 28days)	3 sets /6-15 cum	6.38	4	6
16	RCC(M25)	Compressive Strength(7days and 28days)	2 sets /1-5 cum	1.55	4	4
17	RCC(M25)	Compressive Strength(7days and 28days)	2 sets /1-5 cum	1.66	4	4
18	RCC(M25)	Compressive Strength(7days and 28days)	2 sets /1-5 cum	0.93	4	4
19	RCC(M25)	Compressive Strength(7days and 28days)	3 sets /6-15 cum	6.26	6	6
20	RCC(M25)	Compressive Strength(7days and 28days)	2 sets /1-5 cum	1.80	4	4
21	CERAMIC TILES	MEASUREMENTS OF LENGTH, WIDTH AND THICKNESS	One Test		1	1
		MODULUS OF RUPTURE AND BREAKING STRENGTH	One Test		1	1
22	Mortar Sand	Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
		Compacted Bulk Density	One Test		1	1
		Loose Bulk Density	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1
23	Plaster Sand	Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1

A.E.E.